

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P72916PC00</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP2004/010877</b>	International filing date (day/month/year) <b>27/09/2004</b>	(Earliest) Priority Date (day/month/year) <b>26/09/2003</b>
Applicant  <b>UNIVERSITY OF ULSTER</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical search terms used)  
EPO-Internal, WPI Data**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
A	US 2003/065635 A1 (SAHAMI MEHRAN ET AL) 3 April 2003 (2003-04-03) abstract paragraph '0057! - paragraph '0108!; figures 5,6,13 -----	1-18
A	US 6 584 456 B1 (DOM BYRON EDWARD ET AL) 24 June 2003 (2003-06-24) the whole document -----	1-18
A	US 2002/042793 A1 (CHOI JUN-HYEOG) 11 April 2002 (2002-04-11) the whole document -----	1-18
A	US 6 128 613 A (WONG ET AL) 3 October 2000 (2000-10-03) the whole document -----	1-18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure use exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*8\* document member of the same patent family

Date of the actual completion of the international search

13 May 2005

Date of mailing of the international search report

23/05/2005

Name and mailing address of the ISA

 European Patent Office P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx 31 651 epo nl  
 Fax: (+31-70) 340-3016

Authorized officer

Nazzaro, A

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003065635 A1	03-04-2003	AU 780253 B2	10-03-2005
		AU 4500700 A	17-11-2000
		CA 2378145 A1	09-11-2000
		EP 1145184 A2	17-10-2001
		JP 2002543535 T	17-12-2002
		WO 0067194 A2	09-11-2000
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US 6584456 B1	24-06-2003	NONE	
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US 2002042793 A1	11-04-2002	KR 2002015851 A	02-03-2002
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US 6128613 A	03-10-2000	CN 1211769 A ,C	24-03-1999
		HK 1020096 A1	27-06-2003
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Name and mailing address of the ISA

 European Patent Office P B. 5818 Patentlaan 2  
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 Fax: (+31-70) 340-3016

Authorized officer

Nazzaro, A

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US 2003065635 A1	03-04-2003	AU 780253 B2 AU 4500700 A CA 2378145 A1 EP 1145184 A2 JP 2002543535 T WO 0067194 A2	10-03-2005 17-11-2000 09-11-2000 17-10-2001 17-12-2002 09-11-2000
US 6584456 B1	24-06-2003	NONE	
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